

ON THE IDENTITY OF *MOLANNA ULMERINA* NAVAS (TRICHOPTERA:MOLANNIDAE)¹

Guenther A. Schuster^{2,3}

ABSTRACT: A lectotype is designated for *Molanna ulmerina*, and the synonymy which results is given.

In the course of another study some Navas types of North American caddisflies were borrowed from the Akademie der Landwirtschaftswissenschaften of the Deutsches Entomologisches Institut of East Germany. The specimens included the type series of *Molanna ulmerina* Navas. This species was described in a relatively obscure journal (Navas, 1934), and the specimens are not readily available to North American caddisfly workers. Therefore, this note is offered at this time to make clear the true identity of *M. ulmerina*.

Examinations of the specimens resulted in the discovery that *Molanna musetta* Betten is a junior synonym of *ulmerina*. Both species were described in 1934, however, Navas' description appeared in February while Betten's was not published until December of that year. Navas (1934) described this species from four specimens (3 ♂, 1 ♀), but the series sent to me contained only three specimens (2 ♂, 1 ♀). It is assumed that the missing male specimen is still in the Deutsches Entomologisches Institut, and that it was overlooked when the specimens were sent on loan. One of the males sent to me has been designated as the lectotype and has been so marked by a red label reading "LECTOTYPE ♂, *Molanna ulmerina*/Navas 1934 / G.A. Schuster 1979."

Molanna ulmerina Navas 1934, p. 23-24

Molanna musetta Betten 1934 (NEW SYNONYMY)

LECTOTYPE ♂, (Akademie der Landwirtschaftswissenschaften, Deutsches Entomologisches Institut, Eberswalde, DDR). Collection label: "Framingham (Mass) 1911 13 VI C.A. Frost"; green determination label: "det. Navas, S. J."; pink label: "Tipo". Pinned through mesoscutum; both antennae missing beyond segment II; all right tarsi and left hind tarsus missing; 2/3 of right hind wing missing; abdomen broken off and cleared (stored in genital vial attached to pin).

¹Received July 14, 1979

²State Biological Survey of Kansas, 2045 Avenue A, Campus West, Lawrence, Kansas 66044.

³Present address: Dep't. of Biological Sciences, Moore 235, Eastern Kentucky Univ., Richmond, Ky. 40475

In addition to his description, Navas illustrated the male fore wing and the female hind wing and gave measurements for both male and female specimens. An illustration of the male genitalia was given by Betten (1934) with his description of *M. musetta*. Ross (1944) also illustrated the male genitalia, and gave a diagnosis and the known distribution for the species.

ACKNOWLEDGEMENTS

I am grateful to Dr. Oliver S. Flint, Jr. for suggesting that I borrow the *M. ulmerina* specimens along with those I originally intended to study and for taking the time to search for the Navas paper. I am also thankful to Mr. Alex Slater and Mr. Steve Hamilton for critically reading the manuscript. I would also like to thank Dr. Gunther Petersen of the Deutsches Entomologisches Institut for allowing me to borrow the specimens.

LITERATURE CITED

- Betten, C. 1934. The caddis flies or Trichoptera of New York State. Bull. N.Y. St. Mus. 292.
 Navas, S.J. 1934. Décadas de insectos nuevos. Brotéria - Ciências Naturais 3:15-24.
 Ross, H.H. 1944. The caddis flies, or Trichoptera, of Illinois. Bull. Ill. Nat. Hist. Surv. 23(1).

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

The following Opinions have been published recently by the International Commission on Zoological Nomenclature in the *Bulletin of Zoological Nomenclature* Volume 36, part 2, 1 August 1979.

Opinion No.

- 1128: (p. 73) *Platyrhacus* Koch, 1847 (Diplopoda): designation of *Platyrhacus fuscus* Koch, 1847 as type species.
 1130: (p. 79) *Lilioeris* Reitter, 1912 (Insecta: Coleoptera): correction of type species.
 1134: (p.102) *Zerynthia* Ochseneiver, 1816 (Insecta: Lepidoptera): conserved under the plenary powers.
 1136: (p.107) *Cicadetta strepitans* Kirdaldy, 1909 (Insecta: Homoptera): conserved.
 1137: (p.109) *Aphis gosypii* Glover, 1877 (Insecta: Homoptera): validated under the plenary powers.
 1142: (p.125) Family group names based on *Platystoma* Meigen, 1803 given precedence over those based on *Achias* Fabricius, 1805 (Diptera).
 1143: (p.130) *Kerrichiella* Rosanov, 1965 (Hymenoptera): designation of a type species under the plenary powers.
 1144: (p.132) *Phlocotribus* (Coleoptera: Scolytidae) ruled to be a justified emendation of *Phloeotribus* Latreille, 1796.

The Commission regrets that it cannot supply separates of Opinions.